

Claims

1. Method for stripping insulation from a region, a so-called window, of a flat cable, a so-called FFC, by means of a laser, preferably by means of a CO₂ laser, characterized in that the laser used to form the window operates on only the edge region of the window, and in that in a subsequent step, the remaining insulation in the interior of the window is removed.

2. Method according to Claim 1, characterized in that the remaining insulation in the interior of the window is removed by means of mechanical, thermal, or some other physical method.

3. Method according to Claim 2, characterized in that the FFC is rolled over a roll (6) with a small diameter, preferably between 5-60 times the thickness of the FFC, and on the surface of the FFC, a wedge (7), like a type of doctor blade, bites into the edge region of the window exposed by the laser and pulls away or lifts the insulation (4), thus removing it.

4. Method according to Claim 3, characterized in that the wedge (7) can pivot about an axis (10) that runs parallel to the axis of the roll (6).

5. Method according to Claim 2, characterized in that the FFC is rolled over a roll (6) with a small diameter, preferably between 5-60 times the thickness of the FFC, and at the surface of the FFC, a brush bites into the edge region of the window exposed by the laser and pulls away or lifts the insulation (4), thereby removing it.

6. Method according to Claim 5, characterized in that the brush can rotate about an axis that runs parallel to the axis of the roll (6).

7. Method according to Claim 6, characterized in that the direction of rotation of the brush in the contact region with the FFC is opposite the forward direction of the FFC.